

## Goat anti-CARD11 Antibody

<b>Item Number</b>	dAP-0181
<b>Target Molecule</b>	Principle Name: CARD11; Official Symbol: CARD11; All Names and Symbols: CARD11; caspase recruitment domain family, member 11; BIMP3; CARMA1; MGC133069; card-maguk protein 1; bcl10-interacting maguk protein 3; Accession Number (s): NP_115791.3; Human Gene ID(s): 84433; Non-Human GenelD (s): 108723 (mouse)
<b>Immunogen</b>	QRKTIWVDEDQL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 150+65kDa bands observed in lysates of cell line Jurkat (calculated MW of 133kDa according to NP_115791.2). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 60kDa. This ba
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Spleen shows nuclear staining. Recommended concentration: 2-5µg/ml.
<b>Reference</b>	Reference(s): Bertin J, Wang L, Guo Y, Jacobson MD, Poyet JL, Srinivasula SM, Merriam S, DiStefano PS, Alnemri ES. CARD11 and CARD14 are novel caspase recruitment domain (CARD)/membrane-associated guanylate kinase (MAGUK) family members that interact with BCL10 and activate NF-kappa B. <i>J Biol</i>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**